

FIG.1A

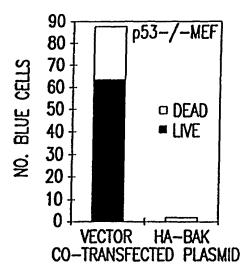


FIG.1B

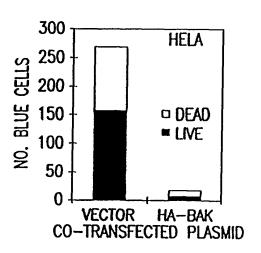


FIG.1C

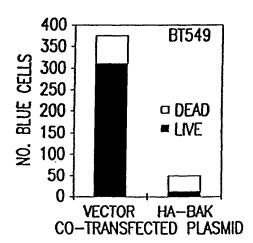


FIG.1D

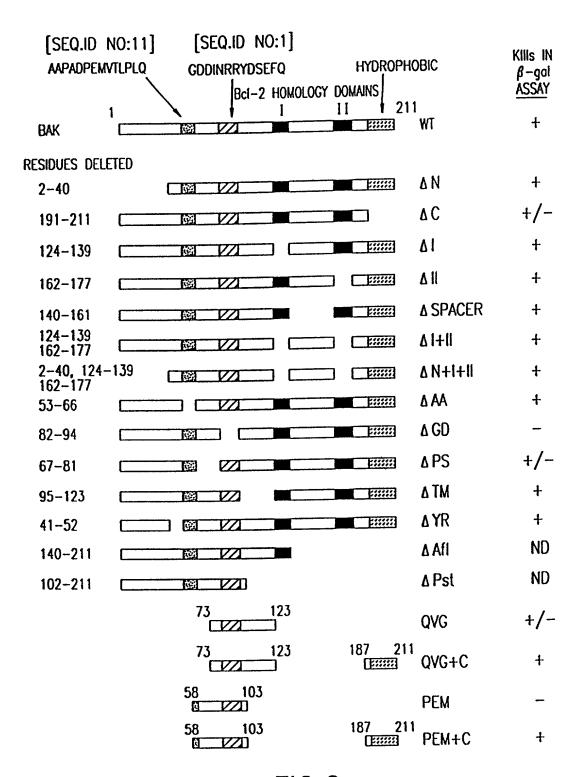


FIG.2

Interaction of Bak with GST-Bcl-x, in vitro

FIG.3A

Interaction of Bak with Bcl-x, in COS cells

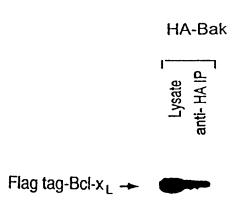


FIG.3B

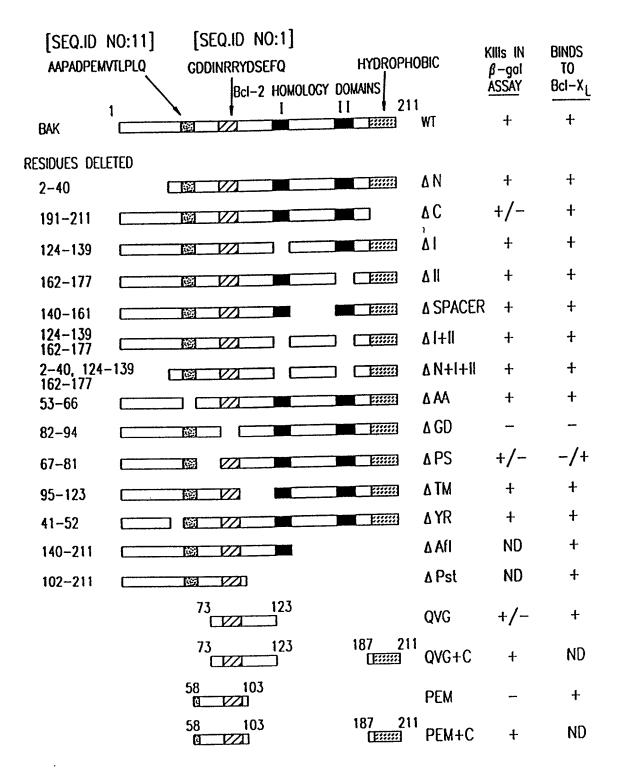


FIG.4

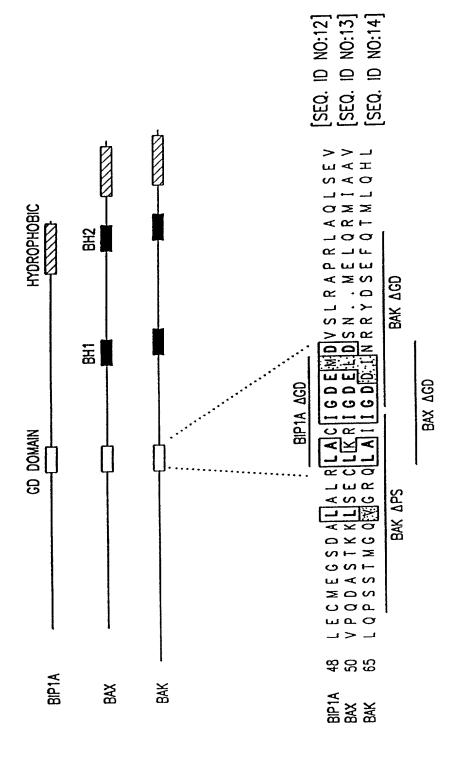


FIG.5

BCI-XI BINDING ACTIVITY	+	+/-	l	+	1	+	ť
RAT-1 CELL KILLING ACTIVITY	+	-/+	ı	+	1	+-	-/+
PLASMID	Bak	Bak APS	Bak AGD	Bax	Box AGD	Bip1a	Bip1a AGD

FIG. 6

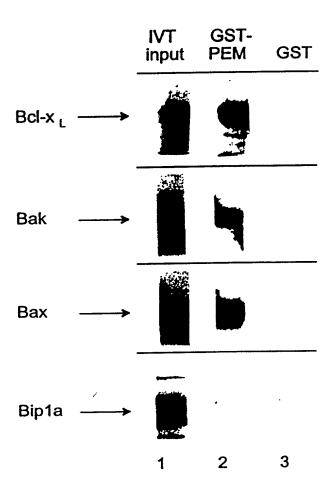


FIG.7

	[SEQ. ID NO: 15] [SEQ. ID NO: 16]	M	[SEQ. ID NO: 17] [SEQ. ID NO: (193	(SEQ. ID NO: 19]
250 260 270 * * GGG GAC GAC AAC CGA CGC TAT GAC TCA G D D I N R R Y D S	280 290 300 A GAG TTC CAG ACC ATG TTG CAG CAC CTG CAG CCC ACG E F Q T M L Q H L Q P T 103	250 * GGG GAC GAC ATC G D D I		. 88
260 * TC AAC CGA (I N R	103	240 * 3CC ATC ATC A		260 * AAC CGA CGC N R R
250 * 366 GAC GAC A	CAG CCC ACG Q P T	230 * CGG CAG CTC (R Q L	24	250 260 * GAC GAC ATC AAC CGA CGC D D I N R R
ATC	300 * CAG CAC CTG	220 * CAG GTG GGA Q V G	280 * GAG TTC CAG E F Q	220 230 240 * GTG GGA CGG CAG CTC GCC ATC ATC GGG GA V G R Q L A I I G D
220 230 240 * * CAG GTG GGA CGG CAG CTC GCC ATC Q V G R Q L A I	290 * : ACC ATG TTG T M L	210 * : ACC ATG GGG : T M G	270 * C TAT GAC TCA Y D S	230 s cag cTC 6CC Q L A
	280 * GAG TTC CAG E F Q	200 * CCT AGC AGC 2 P S S	260 * AAC CGA CGC N R R	220 * GTG GGA CG V G R
Bak 1. 73		2. 67		3. 74

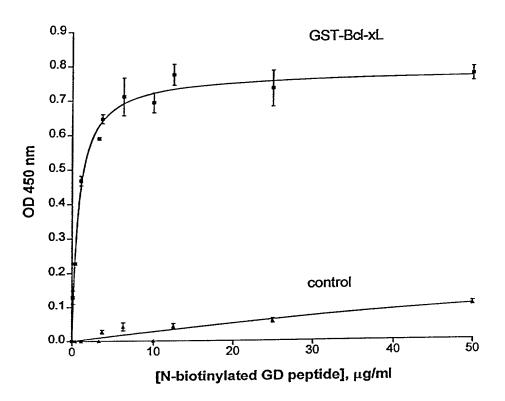
FIG. 8A

[SEQ. ID NO: 21] [SEQ. ID NO(22)	·		[SEQ. ID NO: 23] [SEQ. ID NO: 245)	(SEQ.ID NO: 25]
		ATC GGG GAC GAA CTG I G D E L		73
. 24	55	က္တ		AGT AAC S N
280 * TTC CAG F Q	190	CTC AA		210 * A CTG GAC AGT AAC L D S N
270 * GAC TCA GAG ' D S E	* 081	AGC GAG TGT S E C	77	200 * ATC GGG GAC GAA I G D E
CGC TAT R Y		4AG CTG K L	230 * CTG CAG L Q	90 2 * AAG CGC ATC K R I
260 * C AAC CGA N R	170	CC ACC AAG	TG GAG CTG	190 * GT CTC AAG C L K
250 * GGG GAC GAC ATC AAC G D D I N	160	CAG GAT GCG TCC ACC /	220 * GAC AGT AAC ATG GAG C' D S N M E I	180 * 3 AGC GAG T S E
4. 666 82 G	Bax	5. CAG 52 Q	GA(6. 59 L

FIG. 8B

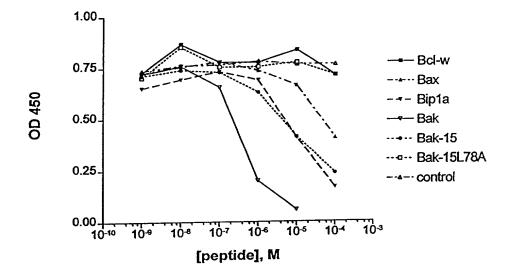
287	<i>1</i>		56	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
[SEQ. ID NO: 27] [SEQ. ID NO: 28]	り		ID NO:	TD NO:31.	N S S A
. IO			[SEQ. 1] [SEQ. 1	[SEQ. 1 [SEQ. 1	[SEQ. 10 N
[SEQ [SEQ		(D	13.53		<u>S</u> 1
		G AT(
		200 * (C GA(
		200 * GGG GAC GAG ATG G D E M		Image: section of the content of the	
		17 0		AGC	
		190 * TGC ATC (210 * GTG V	
		၁၁ ၁		GAC	
 4		180 * CGG CTG (ATG M	•
1		180 CGG *	17	200 * GAC GAG , D E	
		CTG	45	3 GAC	
:00 210 *		170 * GCA TTG GCC (A L A	220 230 * * AGG GCC CCG CGC CTG R A P R L	999 J	İ
210 * A CTG		170 * A TT(ය බු ප	190 * CTG GCC TGC ATC (L A C I	89
C GA		AC GC	S 4 O g	20 A	
2 GA		GT GA	220 * .GG GCI	7. 1.	ATG M
200 * .TC GGG		160 * AG GGC AGT GAC GC/ E G S D A	CTC A	180 * CGG (00 * GAG / E
CGC A		(1)	AGC S	CTG L	GAC D
190 2 * CTC AAG CGC ATC '			210 * GTG V	A GCC	200 * : GGG GAC GAG G D E
15 CTC L		150 * TGC ATG C M	210 * GAC GTG AGC CTC A D V S L	170 * TTG L	190 * ATC (
83	Bipla	23		23	29
7.	9	ထ်		တ်	10.

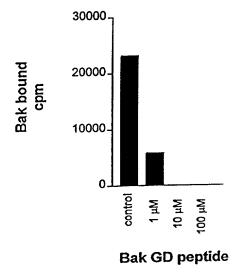
FIG. 8C



F19.9

Inhibition of Bcl-xL/ GD domain-mediated binding by GD domain peptides





Inhibition of Bcl-xL protection of FAS/CHX-treated HeLa cells by Bak GD domain peptides

